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| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING | DATE |
| S.J. | 6,044,355 | 3/28/2000 | Crockett, et al. | 705 | 8 | 7/9/199 | 7 |
| | 5,325,292 | 6/28/1994 | Crockett | 364 | 401 | 7/28/19 | 94 |
| | 4,510,351 | 4/9/1985 | Costello | 179 | 27 | 10/28/1 | 982 |
| | 5,185,780 | 2/9/1993 | Leggett | 379 | 34. | 10/12/1 | 990 |
| | 5,289,368 | 2/22/1994 | Jordan, et al. | 364 | 401 | 10/12/1 | 990 |
| | 5,369,570 | 11/29/1994 | Parad | 364 | 401 | 11/14/1 | 991 |
| | 5,111,391 | 5/5/1992 | Fields, et al. | 364 | 401 | 10/5/19 | 89 |
| | 5,195,172 | 3/16/1993 | Elad, et al. | 395 | 50 | 7/2/199 | 0 |
| | 5,477,447 | 12/19/1995 | Luciw, et al. | 364 | 419.08 | 7/30/19 | 93 |
| • | 5,481,667 | 1/2/1996 | Bieniek, et al. | 395 | 161 | 2/13/19 | 92 |
| | | FOR | EIGN PATENT DOCUMENTS | 3 | | · | |
| EXAMINER'S | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANS | LATION |
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| (B) | PTO-1449 | | APPLICANT II | lah Nourbakh | sh, et a | al. | | |
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| TRADEMARKS. | | | | | 1 | | | |
| | | Т | S. PATENT DOCUM | T T | | T | Γ | |
| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | C | LASS | SUBCLASS | FILING | G DATE |
| 5.7. | 5,917,485 | 6/29/1999 | Spellman, et al. | | 345 | 336 | 5/7/199 | 97 |
| S.J. | 6,021,403 | 2/1/2000 | Horvitz, et al. | | 706 | -45 | 7/19/19 | 996 |
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| s.J. | WO 00/08556 * | 17/02/2000 | PCT | (| 606F | 9/44 | | |
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| | OTHER DO | CUMENTS (| Including Author, Titl | le, Date, Pertin | ent Pa | ges, Etc.) | | |
| <i>C</i> 0 | Dennis Cox, 2001; Pages 1-3 | | ulti-Media Work"; A Pip | okins White Pa | oer; wv | ww.pipkins.com | ; March | 12, |
| \ <i>l</i> ? | Pipkins, Inc.; | , "SkillSense™ | M Scheduling; www.pipl | kins.com; Marc | h 12, 2 | 2001; Pages 1-2 | | |
| | Pipkins, Inc.; | ; "Merlang® A | Algorithms; www.pipkin | ns.com; March | 12, 200 | 1; Pages 1-2 | | |
| | Dennis Cox; March 12, 2001 | | Routing vs. Skill Set Scl | heduling; A Pip | kins W | hite Paper; ww | w.pipkin | s.com; |
| 1 | Pipkins, Inc. | ; "Skill Set Scl | heduling"; www.pipkins | s.com; March 1 | 2, 2001 | 1; Pages 1-4 | | |
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STATEMENT BY APPLICANT

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Application Number 09/846,016

Filing Date April 30, 2001

First Named Inventor Illah Nourbakhsh

Group Art Unit 2152

Examiner Name Unknown

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| | | | | U.S. PATENT DOCL | JMENTS | |
|-----------------------|--------------|-----------|-------------|---|--|--|
| Examiner Initials* | Cite No.1 | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Retevant Passages or Retevant Figures Appear |
| 3,1 | | 6,021,428 | | MILOSLAVSKY | 02-01-2000 | |
| <u>SJ.</u> | | 6,081,592 | | BATTLE | 06-27-2000 | |
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| 5 J. | | | EΡ | 0 817 455 | A2 | Lucent Technologies Inc. | 01-07-1998 | | Ш |
| | Т | | EΡ | 0 863 650 | A2 | Lucent Technologies Inc. | 09-09-1998 | | |
| | \top | | EΡ | 1 039 732 | A2 | Rockwell Electronic Commerce Corp. | 09-27-2000 | | |
| V | I | ē | EP | 1 162 814 | A2 | Avaya Technology Corp. | 12-12-2001 | | - |
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| | | | U.S. PATENT DOCU | JMENTS | |
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| 5.Ji | | 5,659,768 | Forbes, et al. | 08/19/1997 | r ngui de Appeai |
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| 5 , J. | | GB | 2 339 643 | (A | Callscan Limited | 02/02/2000 | Figures Appear | Τ° |
| ٠٦. | | wo | 00/08556 | A1 | Ben Gurion University | 02/17/2000 | | + |
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

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| | U.S. PATENT DOCUMENTS | | | | | | | | |
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| 5.1. | | ΕP | 0 863 651 | | A2 | Lucent Technologies Inc. | 09-09-1998 | rigures Appear | |
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number 09/846,016

Filing Date April 30, 2001

First Named Inventor Illah Nourbakhsh

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Attorney Docket Number BPLU.P004

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| S.J. | | Institute of Electronic et al: "Performance modelling of automatic call distributors: assignable grade of service staffing". Proceedings of the International Switching Symposium. Yokohama, Oct. 25-30, 1992. Tokyo, IEICE, JP, Vol 2 Symp. 14, 25 Oct. 1992. Pages 294-298 XP000337733 | |
| 1 | | Jackson et al: "Queues with dynamic priority discipline". Management Science, Institue of Management Science, Providence, RI, US. Vol 8 no. 1, 1961, pages 18-34. XP002091801. ISSN: 0025-1909. | |
| | | Kleinrock et al: "Queueing systems volume 55-68 II: computer applications". Queueing Systems, J.C. Baltzer AG, Basel, CH, 1976, pages 106-155. XP002091802. ISSN: 0257-0130 | |
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